

REPLACEMENT DRAWING SHEET 1/17

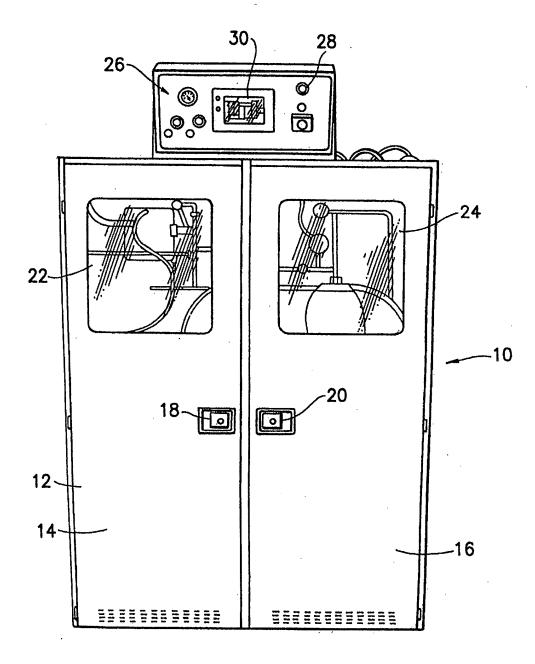
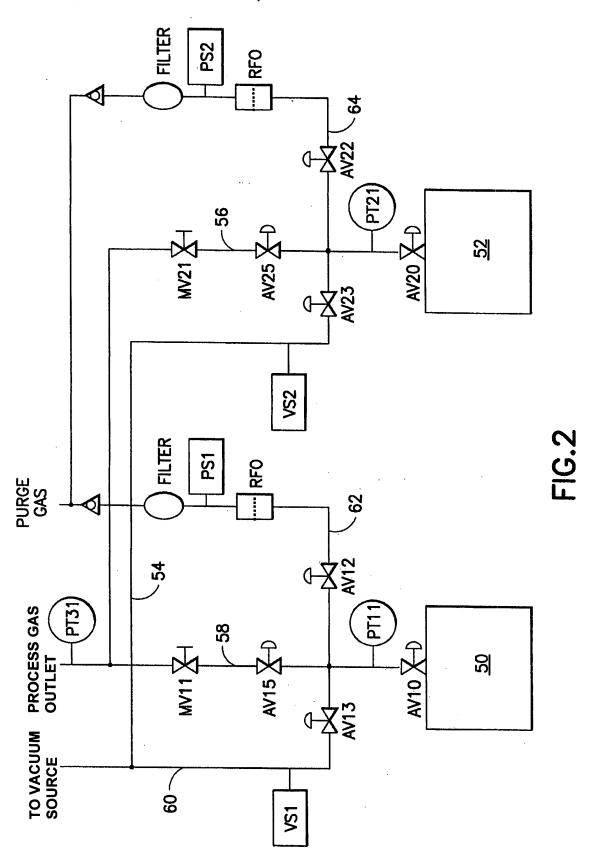


FIG.1



REPLACEMENT DRAWING SHEET 3/17

MAIN MENU		
ACCESS CODE	STATUS	
ENTRY	SCREEN	
CURRENT	MAINTENANCE	
ALARMS	MENU	
ALARM	AUTO	
HISTORY	SWITCH OVER	
SYSTEM	IDLE	

FIG.3

LEFT CYLINDER MENU	
TOOL EVACUATION	GAS ON
TOOL	LOCAL
PURGE	EVACUATION
TOOL	LOCAL
PUMP PURGE	PUMP PURGE
CYLINDER	MAIN
CHANGE	MENU

FIG.4

REPLACEMENT DRAWING SHEET

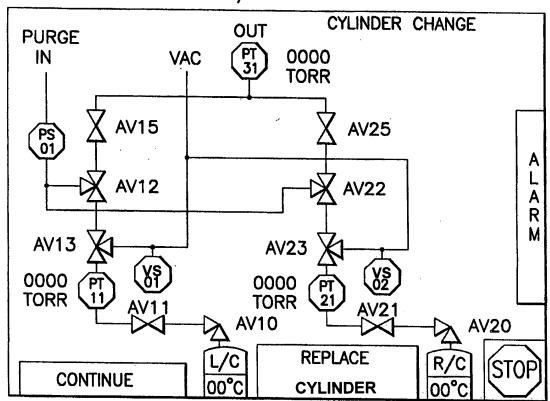


FIG.5

ANALOG MANUAL	L/C MAINTENANCE MENU	R/C MAINTENANCE MENU
CALIBITATION	ANALOG CALIBRATION	MANUAL CONTROL
·		OPERATING PARAMETERS

FIG.6

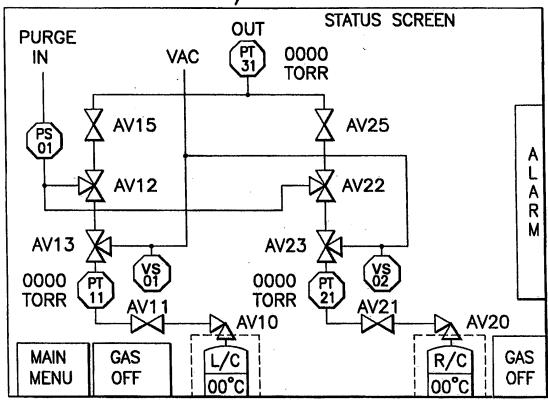


FIG.7

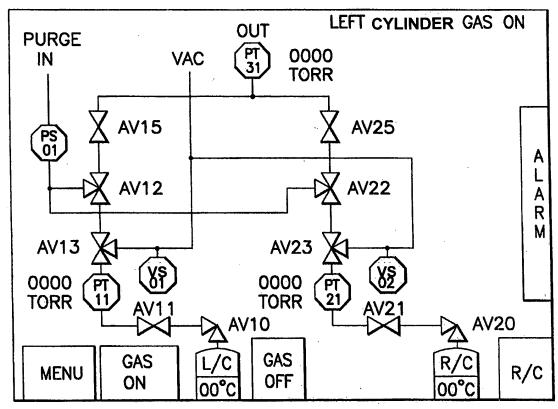


FIG.8

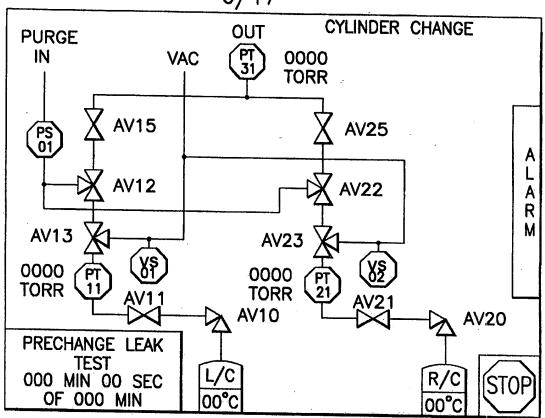


FIG.9

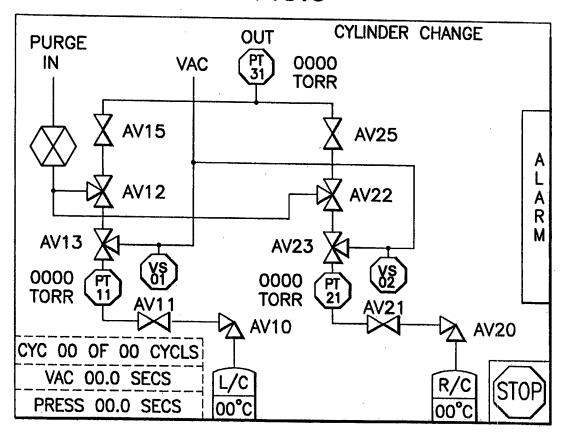


FIG.10

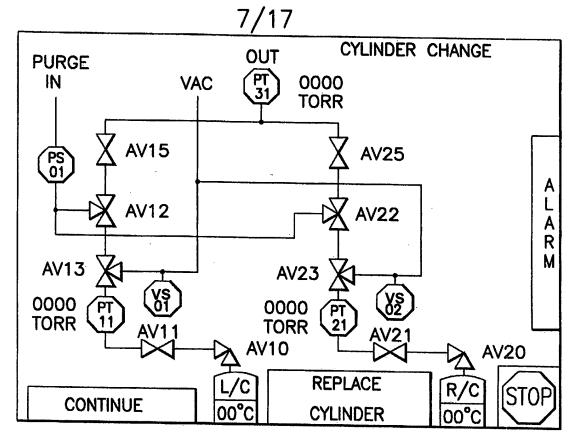


FIG.11

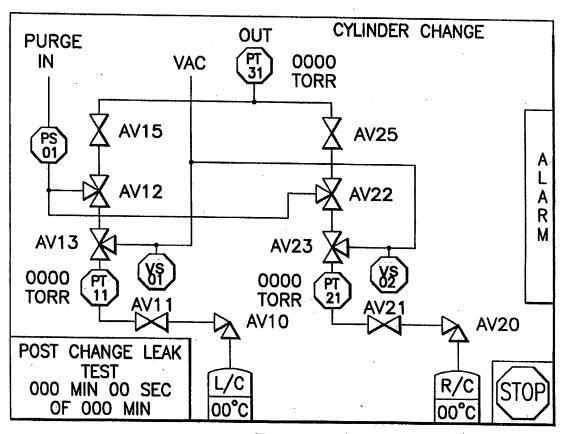


FIG.12

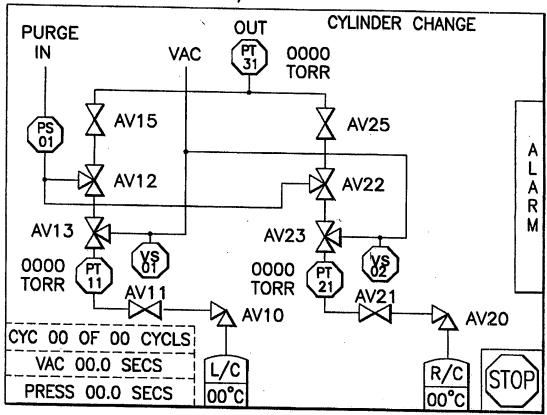


FIG.13

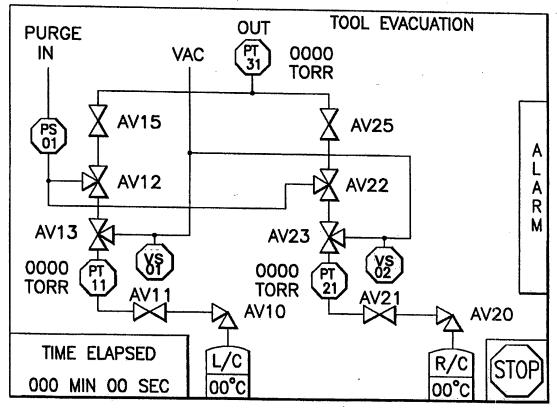


FIG.14

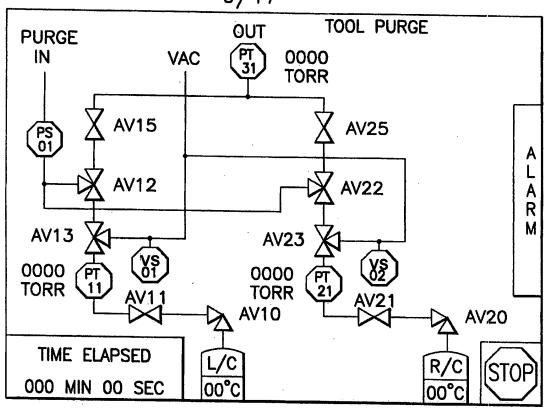


FIG.15

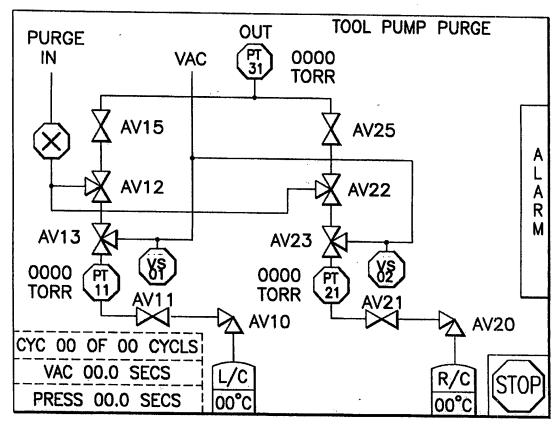


FIG.16

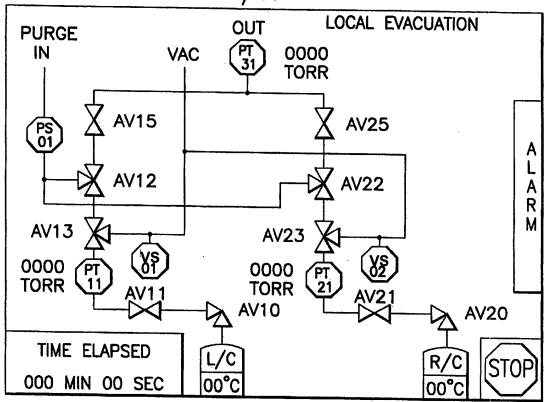


FIG. 17

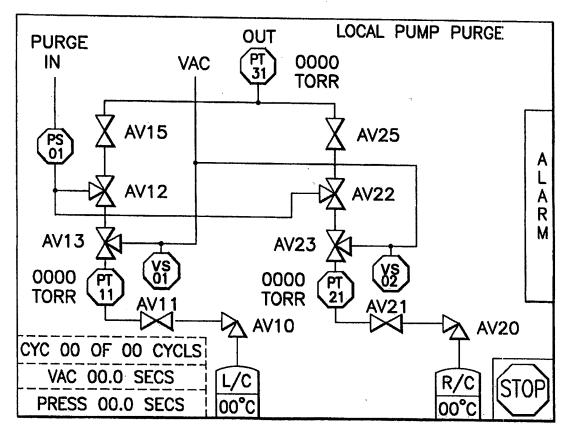


FIG.18

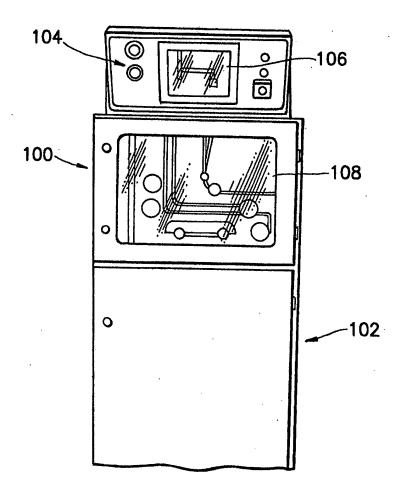


FIG.19

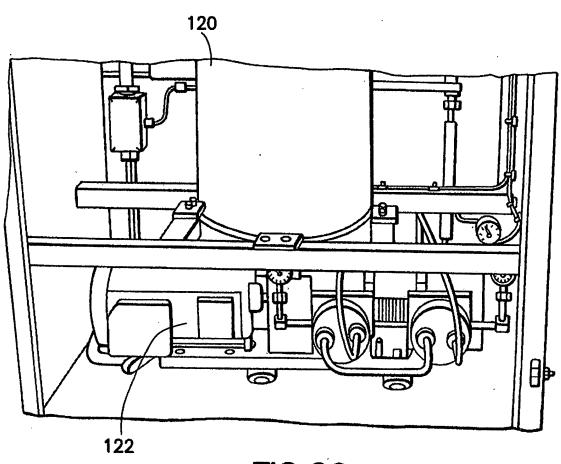
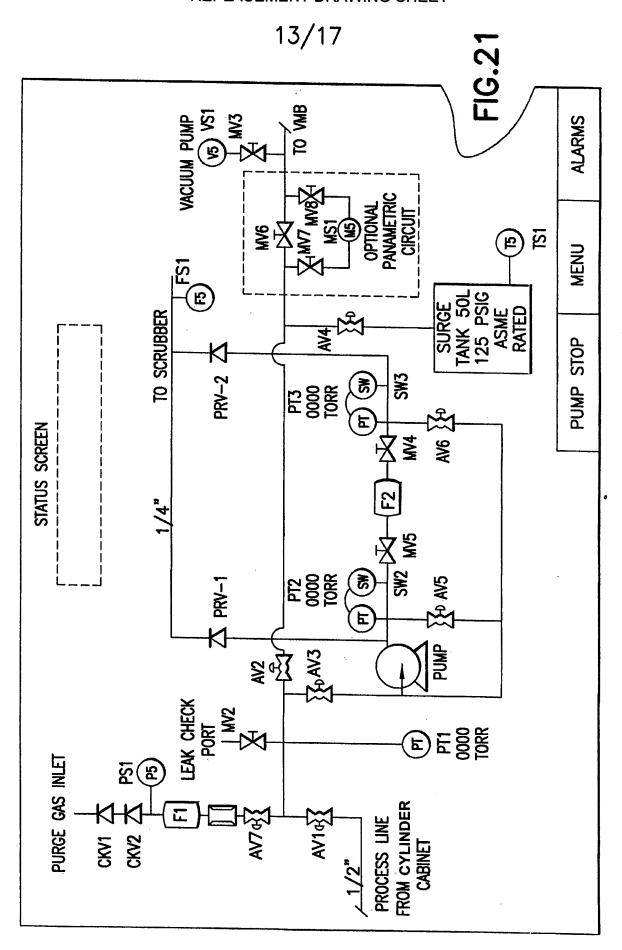
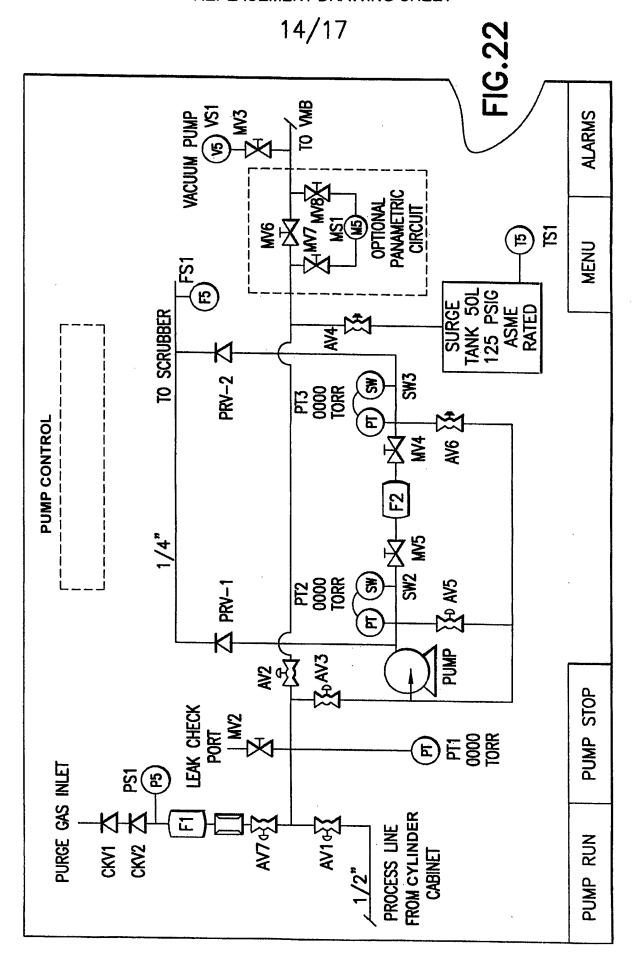


FIG.20





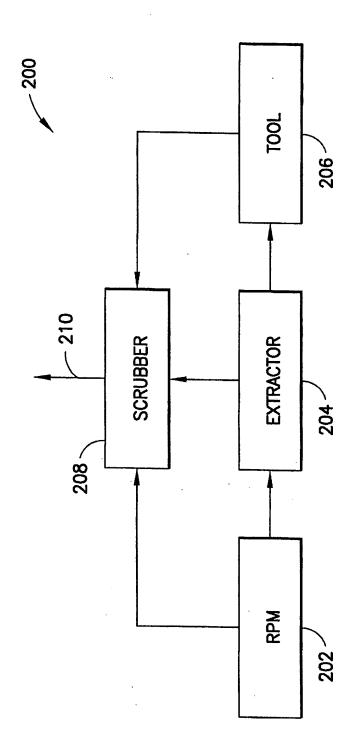


FIG.23

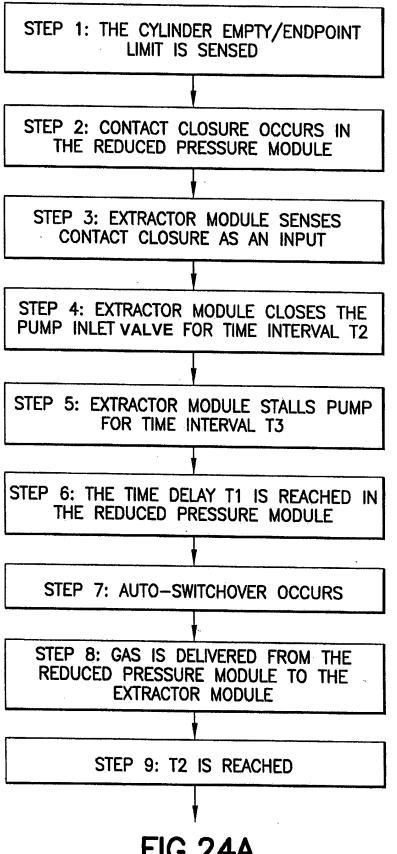


FIG.24A

STEP 10: THE PUMP INLET VALVE OPENS
TO INTRODUCE GAS TO THE PUMP INLET

STEP 11: T3 IS REACHED

STEP 12: THE PUMP BEGINS RUNNING AGAIN
(e.g., IN RESPONSE TO THE PROPORTIONAL
INTEGRATING DERIVATIVE CONTROL LOOP
AND TRANSDUCER INPUTS)

FIG.24B

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